

**Brookhaven National Laboratory**  
**Plant Engineering - E&CS Division**  
**Engineering Change Notice Form**

**PROJECT:** CCWF II

**JOB No.** 11705

**ECN Title:** Knock-Out Wall Detail

**ECN No.** 15

Affected Documents: SC-301, SC-302

Requested Change (Attach sketch if applicable): The Knock-Out Panel for the future opening was modified to extend past the foundation wall by 8" and there will be a Bentonite waterstop all the way around the opening. The Knock-Out Panel will be poured into the penetration as well as the 8 inches that extend past the wall.

Requested by: A. Raphael

Date: 12/1/09

Resolution: Approved. See attached Sketches.

Approvals: A/E or Proj. Eng.: B. Kimble



Date: 12/1/09

Project Coordinator: A. Raphael



Date: 12/1/09

Manager:

Date:

Contractor shall take the following action:

- ☐ Await change order from P&PM
- ☒ Proceed with change as described
- ☐ Provide cost proposal for change as described

Distribution: E. W. Howell

Giffels

E&U

MPO

O&M

DOE

NSLS II

ECN File

SEE TYP REINF @  
WALL OPENING DETAIL  
ON DWG SC-201

BOND BREAKER

BENTONITE WATER  
STOP AROUND FUTURE  
OPENING

#4@12",EW

DASHED LINE INDICATES  
EXISTING FOUNDATION  
WALL BELOW

KNOCK-OUT PLUG

ECN# 15

302F TYP KNOCK-OUT  
WALL DETAIL

JOB: CENTRAL CHILLED WATER  
FACILITY PHASE II

SCALE: 1-1/2"=1'-0"

DATE: DECEMBER 1, 2009

DRAWN BY: BNK